

Entry
Not Approved

AMENDMENTS

In the Claims LDR 9/24/06

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for light signal reception, comprising the steps of:
 - (A) transmitting a light beam to a target;
 - (B) receiving the light beam reflected from the target and outputting a first received signal, wherein the received signal has at least one pulse;
 - (C) eliminating pulses smaller than a reference voltage level in the first received signal and determining whether a pulse is higher than the reference voltage level in the first received signal without processing by a gain circuit;
 - (D) outputting the pulse to a processor to execute operational processes when the pulse in the first received signal is higher than the reference voltage level;
 - (E) repeating the steps (A) and (B) to obtain a second received signal when, in the first received signal, no pulse is higher than the reference voltage level; and
 - (F) amplifying the second received signal and outputting to the processor to determine the distance between the target and a ranger finder according to the pulse or the amplified second received signal.

2. (Original) The method as claimed in Claim 1, wherein the pulses smaller than the reference voltage level are eliminated by a comparison circuit in step (C).